

Fig.1

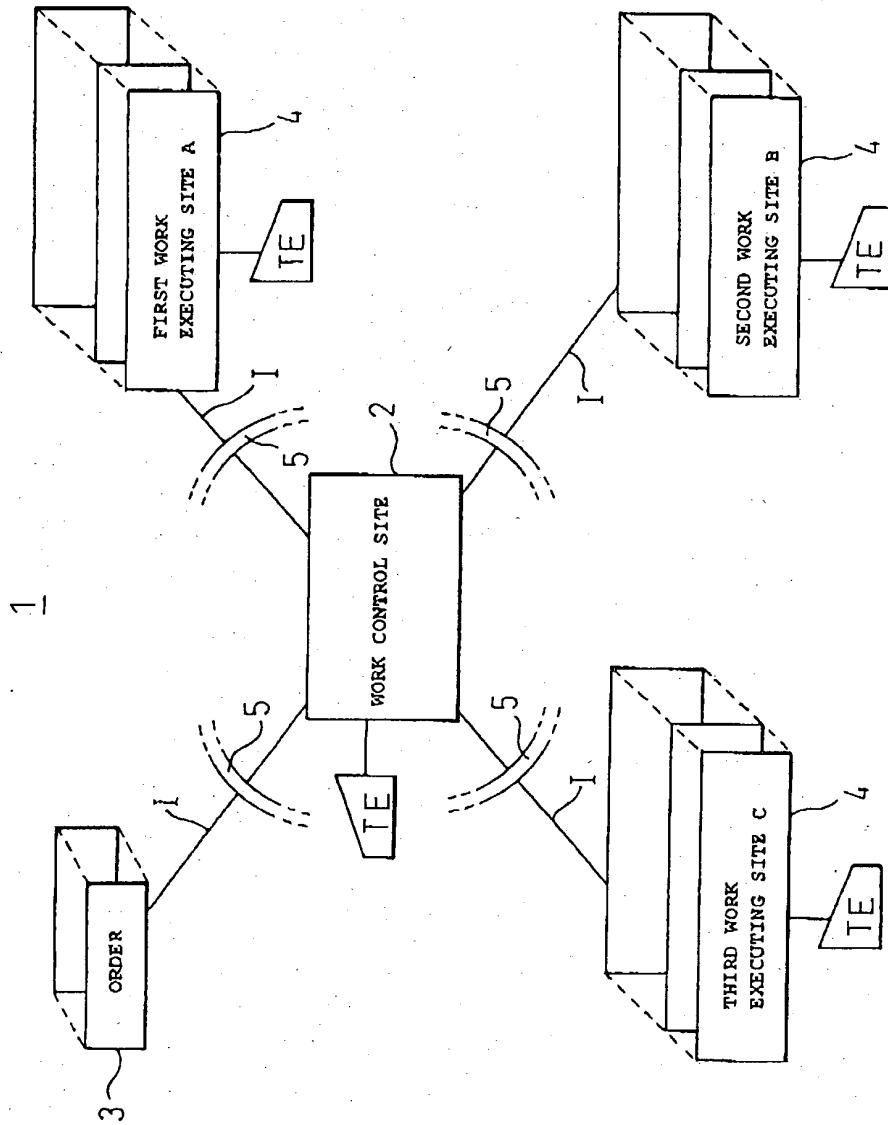


Fig.2

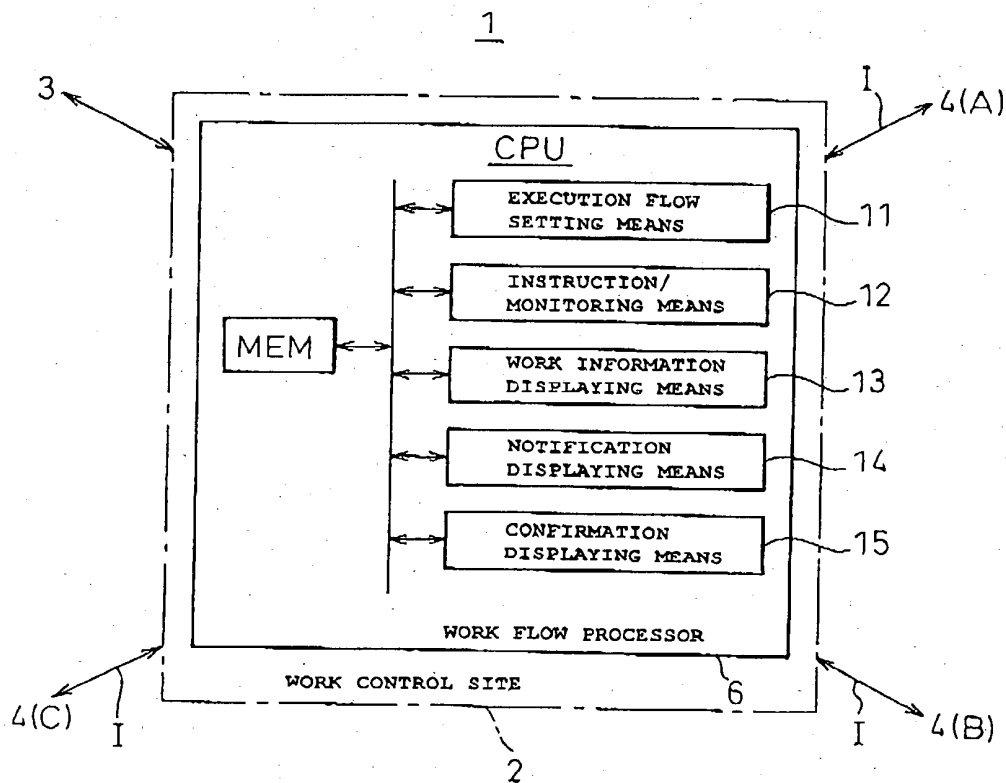




Fig.4

Confirmed

WEB MESSAGE NOTIFICATION

Work covered:  Display range:

Status	Date and time	Work covered	Message		Confirm	
			Re	Details	Details	Hold
On hold	2000/01/17 10:20	2000/01/18 shipment	Tokyo-Sendai	Primary transportation arrangement confirmation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
Not read	2000/01/17 10:20	2000/01/18 shipment	Tokyo-Nagoya	Primary transportation arrangement confirmation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
Not read	2000/01/17 10:20	2000/01/18 shipment	Tokyo-Osaka	Primary transportation arrangement confirmation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
Not read	2000/01/17 10:20	2000/01/18 shipment	Nagoya-Osaka	Primary transportation arrangement confirmation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 10:00	2000/01/18 shipment	Tokyo region	Please input large vehicle information	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 10:00	2000/01/18 shipment	Kinki region	Please input priority vehicle information	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 10:00	2000/01/18 shipment	Kinki region	Please input large vehicle information	<input type="checkbox"/>	<input type="checkbox"/>
On hold	2000/01/17 09:30	2000/01/17 shipment	Tokyo-Nagoya	Today's emergency transportation arrangement processing 1 completed	<input type="checkbox"/>	<input type="checkbox"/>
Not read	2000/01/17 09:20	2000/01/18 shipment	Tokyo-Osaka	Charge calculation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
Not read	2000/01/17 09:20	2000/01/18 shipment	Nagoya-Osaka	Charge calculation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 09:20	2000/01/18 shipment	Tokyo region	Charge calculation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 09:20	2000/01/18 shipment	Kinki region	Charge calculation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 09:20	2000/01/18 shipment	Tokyo-Sendai	Charge calculation processing completed	<input type="checkbox"/>	<input type="checkbox"/>
	2000/01/17 09:00	2000/01/17 shipment	—	Major traffic jam due to accident on Metropolitan Expressway	<input type="checkbox"/>	<input type="checkbox"/>

Confirmed

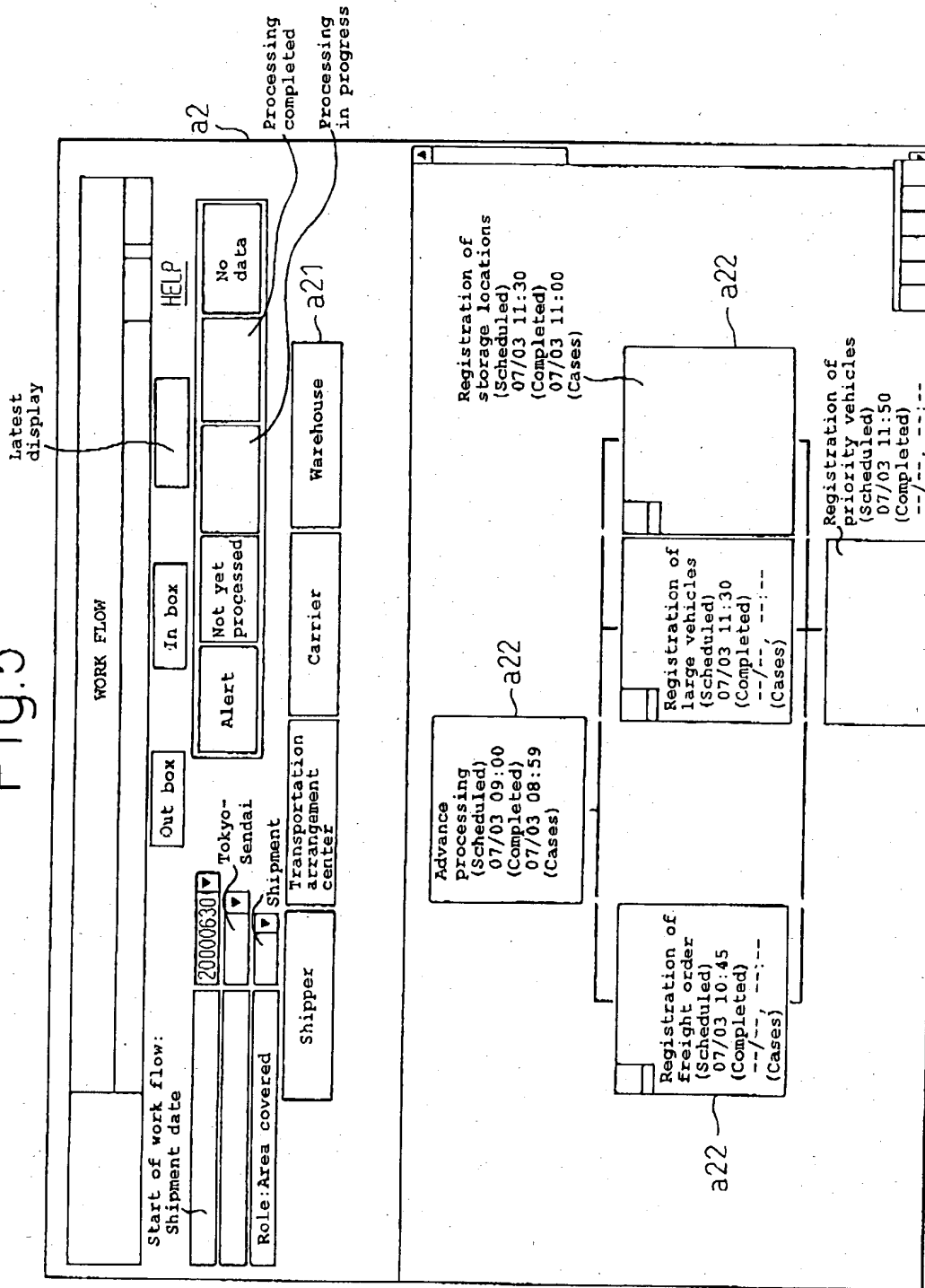
Confirmed

10070731 031202

10/070731

4/08

# Fig.5



# Fig.6

Integrated area

WEB MESSAGE DETAILS (TRANSMITTED PART)			
Company name: Suntory Logistics		User name: Manager A	
Date and time	Shipment date	Title	
2000/04/17 10:20	2000/04/18	Tokyo-Sendai	Primary transportation arrangement confirmation processing completed
FROM	Suntory Logistics Integrated Transportation Arrangement System		
Message details			
Primary transportation arrangement confirmation processing completed			

List of State of Confirmations			
Status	Response date and time	Responder	Comment
Not read		Carrier company A	
Not read		Receiving warehouse B	
	2000/04/14 10:00	Shipping warehouse C	Confirmed. No problem.
On hold	2000/04/14 10:25	Shipper D	

Responded

Response required/not

6/8

C12

C13

C11

Response date and time

10070731-031202

10/070731

# Fig.7

Tokyo-Osaka Out box d15

Area ☐ In box ☐ There are messages not yet read time

LIST OF TODAY'S PROCESSING

Display work flow

Scheduled

Past log

d12

d13 Display latest

Shipment date	Next processing group	Work log
2000/04/01	18 Transmit shipping charge	15:50
2000/04/02	18 Transmit shipping charge	15:50
2000/04/04	18 Today's emergent processing	09:15
2000/04/05	5 Confirmation of status of large vehicles	11:30
2000/04/05	6 Approval of priority vehicles	12:00
-	- Automation processing	-
-	- Reception processing	-
-	- Transmission processing	-
-	- Automation processing	-

Times of execution

Also display finished processing

d11

d14

Confirm status of large vehicles	Processing executed	Shipment date: 04/05		Actual processing time		Manager	Confirmation of results	Status
		Input status confirmed	Cases confirmed	Start/End	Start/End			
Processing group								
Confirm status of large vehicles				End	End	04/04 12:40	A	-
Confirmed transportation arrangement processing				Log	End	04/04 12:40	A	-
Physical distribution requirements ended				Log			-	-
Confirmed transportation arrangement processing				Log			-	-

Executed

Start

d17

d18

Fig.8

Input  
status/No.  
of confirma-  
tions

WORK LOG										Today's processing	
Shipment date		Work covered: Metropolitan area		Comment	Actual processing time		Manager	Status	Past log		
Processing process (underlines indicate routine is linked)		Scheduled date of end	Start	End	Start	End	Manager	Status			
1	<input checked="" type="checkbox"/> Scheduled transportation arrangement processing	04/04 12:00	04/04 11:45	04/04 12:01	A						
2	<input checked="" type="checkbox"/> Registration of storage locations	04/04 12:00	04/04 11:40	04/04 11:45	A						
3	<input checked="" type="checkbox"/> Confirmation of freight order	04/04 11:30	04/04 11:25	04/04 11:29	B						
5	<input checked="" type="checkbox"/> Confirmation of status of large vehicles	04/04 11:30	04/04 11:40	04/04 11:45	A						
6	<input checked="" type="checkbox"/> Confirmation of status of priority vehicles	04/04 12:00	04/04 11:59	04/04 12:00	B						
7	<input checked="" type="checkbox"/> Confirmation of freight order	04/04 11:45	04/04 11:45	04/04 11:50	B						
8	<input checked="" type="checkbox"/> Confirmation of large vehicles	04/04 12:00	04/04 11:45	04/04 11:46	A						
9	<input checked="" type="checkbox"/> Confirmation of priority vehicles	04/04 12:10	04/04 12:09	04/04 12:10	B						
10	<input checked="" type="checkbox"/> End of physical distribution requirements	04/04 12:15	04/04 12:07	04/04 12:45	B						
11	<input checked="" type="checkbox"/> Confirmation of transportation arrangement processing	04/04 13:50	04/04 13:10		B						
Receipt of shipment instruction order		258	0	04/04 13:11	System						
Master maintenance											
Master processing											
Confirmed transportation arrangement processing											
Preparation of confirmed results											
12	<input checked="" type="checkbox"/> End of physical distribution requirements	04/04 14:05									
13	<input checked="" type="checkbox"/> Confirmed transportation arrangement processing	04/04 15:00									
14	<input checked="" type="checkbox"/> Confirmed transportation arrangement processing	04/04 15:50									

Confirmation of  
results

e1

Completed

Processing  
in progress  
Completed

10070731.031202

10/070731